

# EUROPEAN PATENT OFFICE

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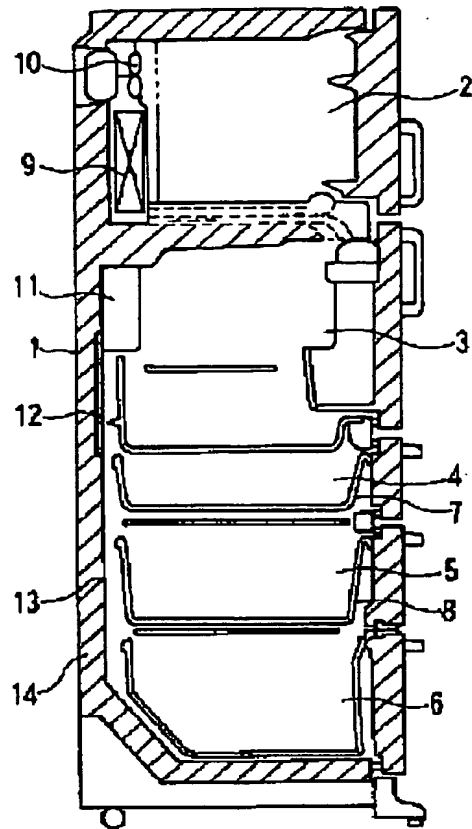
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TITLE : FUNGICIDAL PLASTIC MOLDING AND  
REFRIGERATOR MADE BY USING  
THE SAME MOLDING



ABSTRACT : PURPOSE: To provide the subject refrigerator capable of keeping the inside chambers under a high humidity condition without growth of a fungus or a bacterium and, therefore, of keeping stored foods in a high-freshness state while always keeping the inside chambers clean.

CONSTITUTION: An inorganic antimicrobial agent such as silver or a silver compound is mixed in a plastic molding so as to make a microorganism such as a fungus or a bacterium loose its vitality by the antimicrobial effect of the antimicrobial agent existing on the molding surface and to prevent growth of the microorganism itself even if the microorganism adhering to a food is brought through a food distribution passage into the refrigerator. The plastic molding is preferably composed of polyacrylonitrile resin or a high-concentration acrylonitrile ABS resin, etc. The antimicrobial agent has a long life and there is no requirement for replenishment of exchange. In addition, this plastic molding is chemically stable enough to be free from cracking even when it is brought into contact with a heat insulator such as a polyurethane foam produced by using a substitute flon as the foaming agent. Therefore, a high reliable refrigerator can be obtained.

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